

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 • FACSIMILE: (202) 371-2540 • www.skgf.com

ROBERT GREENE STERNE
EDWARD J. KESSLER
JORGE A. GOLDSTEIN
SAMUEL L. FOX***
DAVID K.S. CORNWELL
ROBERT W. ESMOND
TRACY-GENE G. DURKIN
MICHELE A. CIMBALA
MICHAEL B. RAY
ROBERT E. SOKOHL
ERIC K. STEFFE
MICHAEL O. LEE
STEVEN R. LUDWIG

JOHN M. COVERT
LINDA E. ALCORN
ROBERT C. MILLONIG
MICHAEL V. MESSINGER
JUDITH U. KIM
TIMOTHY J. SHEA, JR.
DONALD R. MCPHAIL
PATRICK E. GARRETT
JEFFREY T. HELVEY*
HEIDI L. KRAUS
JEFFREY R. KURIN
RAYMOND MILLIEN
PATRICK D. O'BRIEN

LAWRENCE B. BUGAISKY
CRYSTAL D. SAYLES
EDWARD W. YEE
ALBERT L. FERRO*
DONALD R. BANOWIT
PETER A. JACKMAN
MOLLY A. MCCALL
TERESA U. MEDLER
JEFFREY S. WEAVER
KRISTIN K. VIDOVICH
KENDRICK P. PATTERSON
DONALD J. FEATHERSTONE
GRANT E. REED

VINCENT L. CAPUANO
JOHN A. HARROUN*
ALBERT J. FASULO II*
ELDORA ELLISON FLOYD*
W. RUSSELL SWINDELL
THOMAS C. FIALA
BRIAN J. DEL BUONO*
VIRGIL L. BEASTON*
RYAN J. STAMPER*
KAREN R. MARKOWICZ**
SUZANNE E. ZISKA**
ANDREA J. KAMAGE**
NANCY J. LEITH**

ELIZABETH J. HAANES**
MARK P. TERRY**
JOSEPH M. CONRAD, III**
DOUGLAS M. WILSON**
REGINALD D. LUCAS**
ANN E. SUMMERFIELD**
CYNTHIA M. BOUCHEZ**
HELENE C. CARLSON**
BRUCE E. CHALKER**
DUSTIN T. JOHNSON**
MATTHEW J. DOWD**

*LIMITED TO MATTERS
AND PROCEEDINGS BEFORE
FEDERAL COURTS & AGENCIES
**REGISTERED PATENT AGENT
***SENIOR COUNSEL

June 6, 2001

WRITER'S DIRECT NUMBER:
(202) 371-2674

INTERNET ADDRESS:
MLEE@SKGF.COM



Commissioner for Patents
Washington, D.C. 20231

Art Unit: 2634

Re: U.S. Utility Patent Application
Appl. No. 09/590,955; Filed: June 9, 2000
For: Phase Shifting Applications of Universal Frequency Translation
Inventors: Johnson *et al.*
Our Ref: 1744.0710005/MQL/JTH

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Preliminary Amendment; and
2. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

RECEIVED
JUN 11 2001
C 2600 MAILROOM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5/1
6/12



In re Application of:

Johnson *et al.*

Appl. No.: 09/590,955

Filed: June 9, 2000

For: Phase Shifting Applications of
Universal Frequency Translation

Art Unit: 2634

Examiner: TBD

Atty Docket: 1744.0710005

Preliminary Amendment

Assistant Commissioner of Patents
Washington, D.C. 20231

RECEIVED
JUN 11 2001
TCC 2600 MAIL ROOM

Sir:

Prior to Examination of the captioned application, Applicants submit the following preliminary amendment.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, then such extensions of time are hereby petitioned under 37 CFR § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Kindly enter the following amendments:

In the Claims:

Please cancel claims 9, and 17-23.

Please amend claims 1, 8, 24, and 30 as follows:

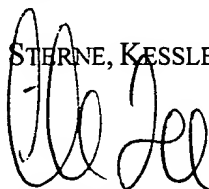
-
1. (Once Amended) A method of frequency translating and phase shifting an electromagnetic (EM) signal, the method comprising the steps of:

Q1

Commissioner for Patents
June 6, 2001
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael Q. Lee". The signature is fluid and cursive, with the first name "Michael" and last name "Lee" being clearly distinguishable.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee
Attorney for Applicants
Registration No. 35,239

JTH/slw
Enclosures